

The data presented in this report are from the most recent testing done in accordance with administrative regulations in 401 KAR Chapter 8. As authorized and approved by EPA, the State has reduced monitoring requirements for certain contaminants to less often than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data in this table, though representative, may be more than one year old. Unless otherwise noted, the report level is the highest level detected.

	Allowable Levels	Highest Single Measurement	Lowest Monthly %	Violation	Likely Source		
Turbidity (NTU) TT * Representative samples of filtered water	No more than 1 NTU* Less than 0.3 NTU in 95% of monthly samples	0.09	100	No	Soil runoff		
Regulated Contaminant Test Results							
Contaminant [code] (units)	MCL	MCLG	Report Level	Range of Detection	Date of Sample	Violation	Likely Source of Contamination
Inorganic Contaminants							
Barium [1010] (ppm)	2	2	0.008	0.008 to 0.008	Sept-11	No	Drilling wastes; metal refineries; erosion of natural deposits
Copper [1022] (ppm) sites exceeding action level 0	AL = 1.3	1.3	0.016 (90 <sup>th</sup> percentile)	0 to 0.022	Sept-11	No	Corrosion of household plumbing systems
Fluoride [1025] (ppm)	4	4	1.05	0.81 to 1.39	2012	No	Water additive which promotes strong teeth
Nitrate [1040] (ppm)	10	10	1.9	1.5 to 1.9	Feb-12	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Disinfectants/Disinfection Byproducts and Precursors							
Chlorine (ppm)	MRDL = 4	MRDLG = 4	1.32 (highest average)	0.85 to 1.50	N/A	No	Water additive used to control microbes.
HAA (ppb) (all sites) [Haloacetic acids]	60	N/A	2 (system average)	0 to 5 (range of system sites)	N/A	No	Byproduct of drinking water disinfection
THM (ppb) (all sites) [total trihalomethanes]	80	N/A	6 (system average)	3 to 4 (range of system sites)	N/A	No	Byproduct of drinking water disinfection

This report will not be sent to individual customers. However, it will be available at City Hall.